

**TECHNICAL DATA**
**RR 50 MOTARD**
**CHASSIS**

Frame	steel double cradle frame
Wheel base	1390 mm
Max length	2000 mm
Max width	805 mm
Max height	1155 mm
Seat height	900 mm
Ground clearance	315 mm
Footrest height	365 mm
Dry weight	85 kg
Fuel tank capacity	6,5 l.
Reserve	1 l.
Cooling system capacity	620 cc
Front suspension	Hydraulic fork with ø37 mm shaft
Rear suspension	Monoshock
Shock absorber stroke	50 mm
Front wheel travel	210 mm
Rear wheel travel	200 mm
Front brake	disc ø260 mm with single opposed piston
Rear brake	disc ø220 mm
Front rim	Aluminium Alloy rim
Rear rim	Aluminium Alloy rim
Front tyre	100/80 - 17
Rear tyre	130/70 - 17

**ENGINE**

Type	Single-cylinder, 2-stroke, liquid cooled, lamellar induction in the crankcase
Bore	40,3 mm
Stroke	39 mm
Displacement	49,7cc
Compression ratio	12:1
Ignition	Electronic Moric 12v - 100W
Spark plug	NGK BR9 ES
Lubrication	Mixing with mechanical pump, fuel 1,5% (with synthetic oil)
Feeding	with carburettor
Carburettor	Dell'Orto PHBN 16 HS
Clutch	wet multi-disc clutch
Primary trasmission	Z. 20/71
Transmission	6 speed
Secondary Trasmission	Z. 11/50
Engine oil	SAE 20W/30 (820c)
Consumption l/100 km	3,43
Pollution Co2 [g/km]	78